

**Abstract of the Disclosure**

**[00520]** An OLED structure includes a substantially flexible substrate, at least one barrier layer disposed between the substrate and the OLED structure, and at least one antireflection layer disposed between the OLED structure and a display surface. The barrier layer may include up to ten stacks, where each stack includes a dielectric layer and a light absorbing layer. Additionally another flexible substrate may be disposed over the barrier layer.